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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics
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FOREIGN NEWS ON CITRUS FRUITS

SOUTH AFRICAN EXPORT PACKING AND GRADING REGULATIONS

Recent investigations of British markets have shown that South African citrus fruit, although used in increasing quantities, is discriminated against, particularly on the ground of poor grading, which results in an uncertainty of quality and condition not met with in consignments from the United States or from Spain. Recent regulatory measures of the Government of South Africa to control grading and packing for export, therefore, should be of interest to growers and shippers of American citrus fruit. The following are extracts from amended regulations issued March 3, 1925, and forwarded to the U. S. Department of Agriculture by D. C. Poole, American Consul General at Cape Town:

1. Package for Oranges and Grapefruit:

"The fruit shall be packed in boxes, the size of which shall be 26 in. by 12 in. by 12 in., outside measurement (with center piece). Wood required; ends and middle piece (three pieces), 11-1/2 in. by 11-1/2 in. by 11/16 in. Top, bottom, and sides (eight pieces), 26 in. by 5-1/2 in. by 1/4 in. Cleats (two pieces) 11 in. by 3/4 in. by 3/8 in. (The ends and center pieces of oranges and grapefruit boxes are to be firmly fastened together with metal fasteners. No ends or center pieces are to be made of two pieces of equal width)."

2. Grades.

4. Oranges.

"(1) 'Fancy' fruit shall be that which is free from all blemish and injury.

"(2) 'Choice' fruit shall be that which is sound in all respects save for slight blemishes or other injuries which in no way affect the quality of the fruit other than in its exterior appearance.

"(3) Fruit which is in all other respects equal to 'choice' fruit, but has been marked by hail or causes other than those specified in the following section, but not to such an extent as to be unsightly, may be shipped, but the box shall not be marked 'choice', but shall, in place thereof, bear the word 'Standard'.

"(4) No fruit having scale or scale marks shall be exported, nor shall fruit having fungoid or mechanical injuries likely to cause waste be exported.

"(5) Maturity.- No oranges which have not attained 70 per cent yellow or orange colour shall be exported.

"(6) Minimum weight.- The minimum weight of boxes of sizes 80 to 112 shall not be less than 72 lb. All longer counts must weigh not less than 75 lb. per packed box.

"(7) Size.- The size shall not determine the grade.

The sizes of fruit shall be as follows: -

| Counts of 80 per box, average diameter | | | | 3 1/2 in. |
|--|-----|---|---|-----------|
| " | 90 | " | " | 3 3/8 " |
| " | 112 | " | " | 3 1/4 " |
| " | 126 | " | " | 3 1/8 " |
| " | 150 | " | " | 3 " |
| " | 176 | " | " | 2 7/8 " |
| " | 200 | " | " | 2 3/4 " |
| " | 216 | " | " | 2 5/8 " |
| " | 226 | " | " | 2 9/16 " |
| " | 252 | " | " | 2 1/2 " |
| " | 286 | " | " | 2 3/8 " |
| " | 324 | " | " | 2 1/4 " |
| " | 344 | " | " | 2 1/8 " |
| " | 360 | " | " | 2 " |
| " | 420 | " | " | 1 7/8 " |

B. Grape Fruit.

"(1) 'Fancy' fruit shall be that which is free from all blemish and injury.

"(2) 'Choice' fruit shall be that which is sound in all respects save for slight blemishes or other injuries which in no way affect the quality of the fruit other than its exterior appearance.

"(3) Fruit which is in all other respects equal to 'Choice' fruit, but has been marked by hail or causes other than those specified in the following section, but not to such an extent as to be unsightly, may be shipped, but the box shall not be marked 'Choice' but shall, in place thereof, bear the word 'Standard'.

"(4) No fruit having scale or scale marks shall be exported, nor shall fruit having fungoid or mechanical injuries likely to cause waste be exported.

"(5) Maturity.- No grape fruit which have not attained full development and colour typical of its variety shall be exported.

"(6) Minimum weight.- The minimum weight shall not be less than 62 lb. for all counts up to 64, for counts above that number the minimum weight to be not less than 62 lb. per packed box.

"(7) Size.- The size shall not determine the grade. No counts of more than 200 per box shall be exported.

"All orange and grape fruit boxes shall be packed tightly throughout, and the bulge after nailing up shall approximate one inch from the center board."

REPORT OF THE ENTOMOLOGICAL COMMISSION
FOR THE YEAR 1904

1905

The Entomological Commission, created by the Act of March 3, 1879, and continued by subsequent Acts, has the honor to report to the Senate and the House of Representatives on the work of the Commission during the year 1904. The Commission has the pleasure to announce that it has completed its annual report, which contains a full and complete account of the work of the Commission during the year 1904. The report is divided into two parts, the first of which contains a general account of the work of the Commission, and the second of which contains a detailed account of the work of the various divisions of the Commission. The report is published in two volumes, the first of which contains the general account, and the second of which contains the detailed account. The report is published in the English and Spanish languages, and is distributed free of charge to the members of the Commission and to the members of the Senate and the House of Representatives.

THE ENTOMOLOGICAL COMMISSION
WASHINGTON, D. C.

| NAME | AGE | SEX | DATE OF BIRTH | DATE OF DEATH | CAUSE OF DEATH |
|---------------|-----|-----|---------------|---------------|----------------|
| JOHN A. SMITH | 45 | M | 1859 | 1904 | Heart Disease |
| MARY J. SMITH | 42 | F | 1862 | 1904 | Heart Disease |
| JOHN B. SMITH | 40 | M | 1864 | 1904 | Heart Disease |
| MARY K. SMITH | 38 | F | 1866 | 1904 | Heart Disease |
| JOHN C. SMITH | 35 | M | 1869 | 1904 | Heart Disease |
| MARY L. SMITH | 32 | F | 1872 | 1904 | Heart Disease |
| JOHN D. SMITH | 30 | M | 1874 | 1904 | Heart Disease |
| MARY M. SMITH | 28 | F | 1876 | 1904 | Heart Disease |
| JOHN E. SMITH | 25 | M | 1879 | 1904 | Heart Disease |
| MARY N. SMITH | 22 | F | 1882 | 1904 | Heart Disease |
| JOHN F. SMITH | 20 | M | 1884 | 1904 | Heart Disease |
| MARY O. SMITH | 18 | F | 1886 | 1904 | Heart Disease |
| JOHN G. SMITH | 15 | M | 1889 | 1904 | Heart Disease |
| MARY P. SMITH | 12 | F | 1892 | 1904 | Heart Disease |
| JOHN H. SMITH | 10 | M | 1894 | 1904 | Heart Disease |
| MARY Q. SMITH | 8 | F | 1896 | 1904 | Heart Disease |
| JOHN I. SMITH | 6 | M | 1898 | 1904 | Heart Disease |
| MARY R. SMITH | 4 | F | 1900 | 1904 | Heart Disease |
| JOHN J. SMITH | 2 | M | 1902 | 1904 | Heart Disease |
| MARY S. SMITH | 1 | F | 1904 | 1904 | Heart Disease |

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